

PRAKADEESH KOOSI SUBRAMANI

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About

Motivated data science professional inspired by the transformative power of data to drive decision-making and innovation. Committed to extracting actionable insights and making a meaningful impact in the field.

Education

RMK College of Engineering and Technology, Puduvoyal

2021 – Present

Bachelor of Engineering in the branch of Computer Science and Engineering

GPA: 8.49/10

Projects

Sentiment Analysis

- Developed an advanced sentiment analysis model using YOLOv8 and custom dataset training via Roboflow, combining computer vision with natural language processing for accurate sentiment classification.

Face Recognition App

- Developed a personalized face recognition web app powered by Streamlit, featuring interactive image uploads and real-time feedback for an intuitive exploration of facial analysis.

GAIA

- Designed and implemented an interactive web chatbot using Python and JavaScript, enhancing user engagement on the website by providing instant responses to queries.

Technical and Interpersonal Skills

- Programming Languages:** C/C++, Python, Java
- Libraries:** Numpy, Pandas, Matplotlib, SKLearn, Tensorflow, Keras, Seaborn, OpenCV, NLTK
- Version Control:** Git, Github
- Tools:** Jupyter, Google Colab, MySQL, WEKA, Apache Hadoop
- Languages:** English (fluent), Telugu (native), Tamil (fluent), Spanish (Receptive bilingualism), Hindi (Receptive bilingualism)
- Technical:** Machine Learning, Data Visualization, DSA, Computer Vision, Deep Learning
- Interpersonal:** Networking, Adaptability, Good Communication, Leadership and Team Building, Responsive, Decision-Making

Relevant Course Work

- 21AI401:** Artificial Intelligence (Grade Point: 8/10)
- 21AI502:** Machine Learning (Grade Point: 8/10)
- 21CS401:** Computer Architecture (Grade Point: 10/10)
- 21CS401:** Operating Systems (Grade Point: 8/10)
- 21CS303:** Software Engineering (Grade Point: 8/10)

Certifications

- Machine Learning Specialization | **Coursera**
- Deep Learning Specialization | **Coursera**
- Natural Language Processing (NLP) | **NPTEL**
- Python for Data Science | **NPTEL**
- Web Development | **UDEMY**

Co-curricular and Extracurricular

- AVINYAA'22:** Secured first price in the event **ANALYTICON** on national level symposium held on 14th November 2022, at R.M.D Engineering College.
- DRESTEIN'22:** Secured first price in the event **Coding and Debugging** on Technical Fest on 18th November 2022, at Saveetha Engineering College.
- Coding Club:** Cleared two rounds of **coding contests** of R.M.K College of Engineering and Technology during the academic year 2022-2023.
- T.A.L.O.S 3.0:** Completed the **Computer Vision/Large Language Models workshop** held on 26th September 2023, at Chennai Institute of Technology.
- National Level Seminar:** Actively participated in national level seminar on **“Navigating the Cloud Security Frontier: Unravelling the Challenges in Cloud Computing”** organized by R.M.K College of Engineering and Technology on 6th October 2023.